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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.: 10621-13

SERIAL NO.: 08/759,602 09/976,987 ✓

**LIST OF ART CITED BY APPLICANT**  
(Use Several sheets if necessary)

APPLICANT:

Raymond Clarke, et al.

FILED: ~~December 5, 1996~~ Dec 12, 2001

GROUP: 1346 1772

**U.S. PATENT DOCUMENTS**

Examiner Initial*	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JK</i>	4	7	3	4	3	2	6		3/29/88	Nishimatsu et al.	428	317	3/27/87
<div>RECEIVED MAR 19 2002 TC 1700</div>													

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
<i>JK</i>	AA	0	3	5	1	1	1	5	3/7/89		EPO				
<i>JK</i>	BB	0	3	5	1	1	1	6	3/7/89		EPO				

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

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DATE CONSIDERED

*12/12/02*

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FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO. 10621-23		SERIAL NO.: 091 08/759,602 976,987							
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: RAYMOND CLARKE ET AL.									
				FILING DATE: December 5, 1996 Oct 12, 2001				GROUP: 4346 1772					
U.S. PATENT DOCUMENTS													
Exam. Initial		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JP	AA	2	6	1	1	7	0	9	09/23/52	H. H. Plagge	99	171	05/14/49
JP	AB	3	1	0	2	7	7	7	09/03/63	K. Badrosian et al.	21	58	12/28/62
JP	AC	3	4	2	3	2	1	2	01/21/69	C.L. Purcell et al.	99	171	11/20/64
JP	AD	3	4	5	0	5	4	2	06/17/69	A.M. Badran	99	154	02/23/65
JP	AE	3	4	5	0	5	4	3	06/17/69	A.M. Badran et al.	99	171	01/10/66
JP	AF	3	4	5	0	5	4	4	06/17/69	A.M. Badran et al.	99	171	01/10/66
JP	AG	3	5	0	7	6	6	7	04/21/70	M. Magnen	99	171	01/29/68
JP	AH	3	6	2	5	8	7	6	12/07/71	Fitko, C.W.	260	23.7	07/02/68
JP	AI	3	6	3	0	7	5	9	12/28/71	Rumberger, G.C.	99	171	01/02/70
JP	AJ	3	7	0	6	4	1	0	12/19/72	Baker	229	16R	11/16/70
JP	AK	3	7	9	5	7	4	9	03/05/74	Cummin et al.	426	316	03/31/72
JP	AL	3	7	9	8	3	3	3	03/19/74	Cummin et al.	426	106	03/31/72
JP	AM	3	8	0	4	9	6	1	04/16/74	Cummin et al.	426	415	03/31/72
JP	AN	3	8	4	4	8	6	5	10/29/74	Elton et al.	156	229	06/06/72
JP	AO	3	9	0	3	2	3	4	09/02/75	Ikeda et al.	264	210	09/07/73
JP	AP	3	9	3	2	6	9	2	01/13/76	Hirata et al.	428	474	08/20/73
JP	AQ	3	9	7	5	4	5	5	08/17/76	Falender et al.	260	827	08/03/73
JP	AR	4	0	5	5	6	7	2	10/25/77	Hirsch et al.	426	127	03/31/76
JP	AS	4	1	5	3	6	5	9	05/08/79	Recktenwald et al.	264	83	08/01/77
JP	AT	4	1	7	6	1	4	8	11/27/79	Magder et al.	264	41	07/12/74
JP	AU	4	2	0	9	5	3	8	06/24/80	Woodruff	426	314	03/09/79
JP	AV	4	4	2	3	0	8	0	12/27/83	Bedrosian et al.	426	124	03/06/78
JP	AW	4	2	2	4	3	4	7	09/23/80	Woodruff	426	106	06/08/79
JP	AX	4	3	4	7	8	4	4	09/07/82	Ohki et al.	128	287	12/29/80
JP	AY	4	3	5	0	6	5	5	09/21/82	Hoge	264	145	06/25/80
JP	AZ	4	3	8	6	1	2	9	05/31/83	Jacoby	428	215	05/31/83
JP	AAA	4	3	9	4	9	3	0	06/26/83	Korpman	220	444	03/27/81
JP	AAB	4	4	6	1	4	2	0	07/24/84	Horvath	229	43	10/22/82



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AAC	4	4	7	2	3	2	8	09/18/84	Sugimoto et al.	264	41	03/02/82
AAD	4	4	8	5	1	3	3	11/27/84	Ohtusuka et al.	428	35	05/11/82
AAE	4	4	8	7	7	9	1	12/11/84	Komatsu et al.	428	35	05/11/82
AAF	4	5	1	3	0	1	5	04/23/85	Clough	426	396	02/09/82
AAG	4	5	1	5	2	6	6	05/07/85	Myers	206	205	03/15/84
AAH	4	5	2	8	2	3	5	07/09/85	Sacks et al.	428	220	08/05/82
AAI	4	6	9	8	3	7	2	10/06/87	Moss	521	145	09/09/85
AAJ	4	7	0	4	2	3	8	10/03/87	Okuyama et al.	264	41	11/15/85
AAK	4	7	0	5	8	1	2	11/10/87	Ito et al.	521	92	12/14/84
AAL	4	7	0	5	8	1	3	11/10/87	Ito et al.	521	92	12/14/84
AAM	4	7	6	9	2	6	2	09/06/88	Ferrar et al.	428	35	11/19/86
AAN	4	8	3	0	8	6	3	05/16/89	Jones	426	118	09/23/87
AAO	4	8	3	3	1	7	2	05/23/89	Schwarz et al.	521	62	09/15/88
AAP	4	8	4	0	8	2	3	06/20/89	Chigami et al.	428	35.5	10/09/87
AAG	4	8	4	2	8	7	5	06/27/89	Anderson	426	118	11/20/87
AAR	4	8	4	7	1	4	5	07/11/89	Matsui	428	323	07/17/87
AAS	4	8	6	1	6	4	4	08/29/89	Young et al.	428	195	08/30/88
AAT	4	8	6	3	7	8	8	09/05/89	Bellairs et al.	428	246	02/16/88
AAU	4	8	7	6	1	4	6	10/24/89	Isaka et al.	428	347	04/29/87
AAV	4	8	7	7	6	7	9	10/31/89	Leatherman et al.	428	224	12/19/88
AAW	4	8	7	9	0	7	8	11/07/89	Antoon, Jr.	264	41	03/14/88
AAX	4	8	8	3	6	7	4	11/28/89	Fan	426	118	12/16/87
AAZ	4	8	9	2	7	7	9	01/09/90	Leatherman et al.	428	220	12/19/88
AAA	4	9	1	0	0	3	2	03/20/90	Antoon, Jr.	426	118	11/16/88
AAA	4	9	2	3	6	5	0	05/08/90	Antoon, Jr. et al.	264	41	07/27/88
AAAB	4	9	2	3	7	0	3	05/08/90	Antoon, Jr.	426	118	05/22/89
AAAC	4	9	3	7	1	1	5	06/26/90	Leatherman	428	36.4	12/19/88
AAAD	4	9	3	9	0	3	0	07/03/90	Tsuji et al.	428	315.5	08/17/89
AAAE	4	9	4	3	4	4	0	07/24/90	Armstrong	426	118	02/28/89
AAAF	4	9	5	6	2	0	9	09/11/90	Isaka et al.	428	35.2	03/21/89
AAAG	4	9	6	0	6	3	9	10/02/90	Oda et al.	428	34.5	02/23/89
AAAH	5	0	0	8	2	9	6	04/16/91	Antoon, Jr. et al.	521	91	04/16/91
AAAI	5	0	1	1	6	9	8	04/30/91	Antoon, Jr. et al.	426	395	11/05/90
AAAJ	5	0	2	6	5	9	1	06/25/91	Henn et al.	428	198	04/14/89
AAAK	5	0	3	2	4	5	0	07/16/91	Rechlicz et al.	428	196	01/31/90



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AAAL	5	0	3	5	9	3	3	07/30/91	Ilenda et al.	428	36.6	09/28/89
AAAM	5	0	4	5	3	3	1	09/03/91	Antoon, Jr.	426	118	03/30/88
AAAN	5	1	2	6	1	9	7	06/30/92	Schinkel et al.	428	349	10/22/90
AAAO	5	1	5	3	0	3	9	10/06/92	Porter et al.	428	36.92	12/09/91
AAAP	5	1	6	0	7	6	8	11/03/92	Antoon, Jr.	428	35.2	10/25/88
AAAQ	5	1	6	4	2	5	8	11/17/92	Shida et al.	428	319.3	10/29/90
AAAR	5	1	9	6	2	6	2	03/23/93	Schwarz et al.	428	315.5	10/10/90
AAAS	5	2	2	1	5	7	1	06/22/93	Commiss et al.	428	220	09/06/90
AAAT	5	2	5	4	3	5	4	10/19/93	Stewart	426	106	05/18/92
AAAU	5	2	5	6	4	7	3	10/26/93	Kotani et al.	428	218	09/23/91
AAAV	5	2	7	1	9	7	6	12/21/93	Kondo et al.	428	35.2	04/19/91
AAAV	5	2	7	5	8	5	4	01/04/94	Maier et al.	428	36.5	04/01/92
AAAX	5	3	0	0	5	7	0	04/05/94	Ilenda et al.	525	80	07/08/92
AAAY	5	3	2	2	7	2	6	06/21/94	Dew	428	216	03/19/93
AAAZ	5	3	3	2	6	1	7	07/26/94	Mills et al.	428	215	05/15/92
AAAA	5	3	6	2	5	3	1	11/08/94	Samuel et al.	428	36.6	10/23/92
AAAAB	R	E	3	4	5	3	7	02/08/94	Deyrup	428	35.7	09/21/92
AAAAC	R	E	3	4	5	4	6	02/15/94	Deyrup	525	674	11/06/86
AAAAD	4	8	4	2	8	7	5	06/27/89	Anderson	426	118	11/20/87
AAAAE	5	4	1	1	3	5	1	05/02/95	Lasch, et al.	404	014	06/05/92
AAAAF	5	5	3	2	0	5	3	07/02/96	Mueller	428	287	03/01/94

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
AAAAG	9	2	1	0	4	1	4	25.06.92	PCT					
AAAAN	9	4	1	2	0	4	0	09.06.94	PCT					
AAAAI	0	2	7	0	7	6	4	15.06.88	EPO					
AAAAJ	0	1	7	8	2	1	8	16.04.86	EPO					X
AAAAK	1	5	9	0	5	7	9	29.05.70	France					X
AAAAL	2	0	3	3	5	4	1	4.12.70	France					X
AAAAM	2	5	3	1	0	4	2	03.02.84	France					X
AAAAN	7	4	0	1	9	0		6/80	Russia					X
AAAAN	8	2	9	4	8	4		5/81	Russia					X
AAAAP	4	7	1	7	1	8	7	6/72	Japan					X
AAAAG	5	3	8	7	8	1		1/78	Japan					X
AAAAR	5	6	1	0	4	5	9	2/81	Japan					X
AAAAS	6	1	2	6	4	0	3	1	5/85	Japan				X

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## FOREIGN PATENT DOCUMENTS

8/94	Japan	/	/	X
2/94	Japan	/	/	X
12/87	Japan	/	/	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

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